July 30, 1991

Docket Nos. 50-387
and 50-388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED REVISION 4 TO THE FIRE PROTECTION REVIEW REPORT, SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 (TAC NOS. 75910 AND 75911)

The staff has reviewed your December 29, 1989 submittal, which proposed Revision 4 of the Fire Protection Review Report for Susquehanna Steam Electric Station (SSES), Units 1 and 2.

Based on this review, the staff has developed the enclosed request for additional information. Please provide the requested information within 30 days of your receipt of this letter.

If there are any questions regarding this matter, please contact me on (301) 492-1447.

This requirement affects fewer than 10 respondents and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,

/S/

James J. Raleigh, Acting Project Manager
Project Directorate I-2
Division Of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

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James J. Raleigh

James J. Raleigh, Acting Project Manager
Project Directorate I-2
Division Of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional Information

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See next page

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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

SUSQUEHANNA STEAM ELECTRIC STATION

FIRE PROTECTION REVIEW REPORT

REVISION NO. 4

1. "Insert" Page 3.3-3

   The meaning of this paragraph is not clear. It could be interpreted to read that fire induced damage can be anticipated and that operator actions can be taken prior to fire damage affecting safe shutdown. This concept is contrary to Appendix R for which fire damage must be assumed to occur to unprotected circuits within a fire area. Please clarify this statement.

2. "Insert A" on page 3.3-9

   Please provide the multiple high impedance fault analysis for review.

3. Inserts pertaining to combustible loading calculations

   A review of modifications which only assures that the total combustible fire load within a fire area is less than the fire resistance of the fire area boundary is not acceptable. This method does not take into consideration localized combustibles nor does it consider that deviations may have been granted for a given fire area based on the loadings provided in the deviation request and/or the fire hazards analysis. Once these loadings are modified, the approved deviation may no longer be valid. Please provide justification for not updating combustible loading information.

4. Deviation request No. 16 page DR16-2

   Why are these transfer valves now required? Provide justification why the minimal separation between these motor operated transfer valves is acceptable.

5. Deviation Request No. 24 page DR24-2

   Provide an explanation why the cables being addressed have changed since the original submittal, including why cable for HV-G33-2F004 is no longer being wrapped.

6. Deviation Request No. 26 page DR26-1

   Why were the RHR valve controls and control circuits not addressed in the original request?

   Please provide Inserts A1, B and C.